

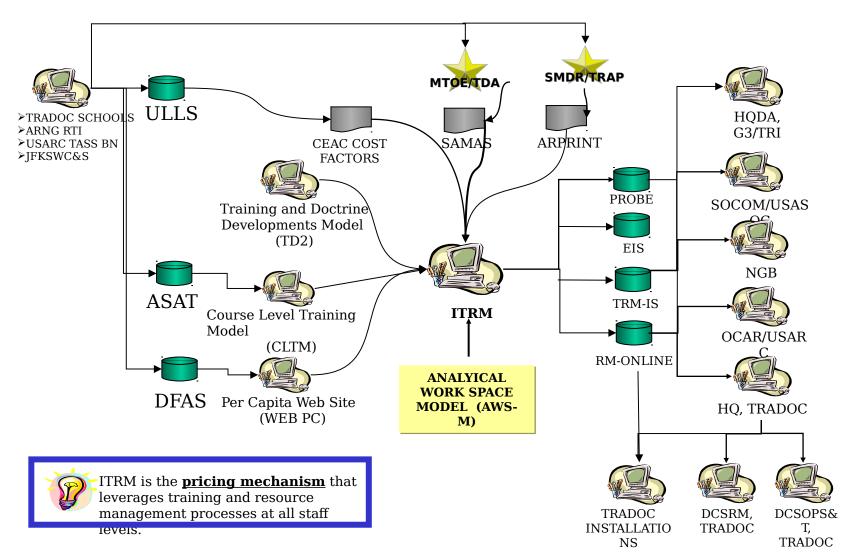


Presented by David R. Doctor 16 November 2006

### **PURPOSE**

To provide information on the importance of the POI in the costing of training

### ITRM IS A NETWORK OF MODELS



Trainers make the plans; RMs translate the plans to cost requirements

# **WHAT IS ITRM?**

Things-based approach to costing; linked to standards

Identifies what must be trained, standards of training, and resources required to meet training standards.

Prices relevant, credible, and mission related costs.

Comprehensive and integrated system of systems

Combines training and resource management into one model.

Links funding to training readiness.

**Spans the PPBES timeline.** 

ITRM is the companion model to

HQDA, G3 Sponsored

Model

Hybrid of bottoms-up reporting and macro planning TRM

Allows schools to continually update standards, resources, and cost factors.

CES Supporte

Allows error corrections and avoids programming error into the future.

Used for POM requirements since FY 00.
Used for TRADOC Budget Guidance beginning FY04.

## <u>WHY ITRM?</u>

Past Requirements Determinat Process Identified by HQDA &

- > TOO MACRO LACK FIDELITY FOR DECISION MAKING & ANALYSYS.
- **BASED ON DOLLARS SPENT ASSUMES FUNDING SPTS READINESS.**
- > LACK OF CREDIBILITY OF TRAINING REQUIREMENTS AND FUNDING.

### **New Way of Doing Business**

REQUIREMENTS DRIVEN, ZERO-BASED METHODOLOGY

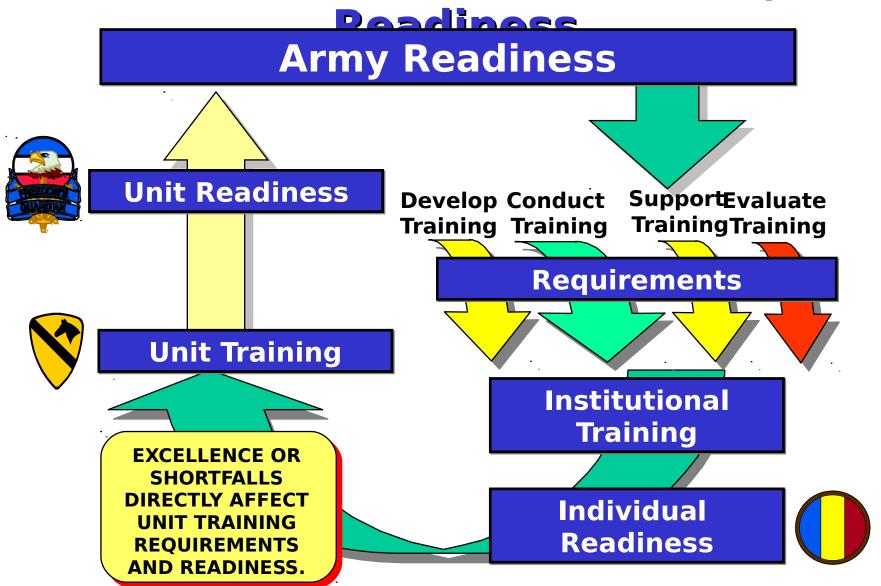
DCSOPS&T-Led Effort

**Ineffectiveness of** 

- ► BASED ON POI & OTHER MGMT INFO NOT DOLLARS SPLTRADOC Schools
- BASED ON READINESS STANDARDS CREDIBLE JUSTIFICATION.
- ALLOWS COMPARISON ANALYSIS OF REQUIREMENTS & FUNDING.

>> TBG FY04 FUNDING BY ITRM IS ZERO-BASED REQUIREMENTS.

# Foundation of ITRM is Army



### **MYTHS ABOUT ITRM**

- **TRM'S PRIMARY DRIVER IS VEHICLE USAGE/OPTEMPO.**
- (E) ITRM IS BASED ON WHAT YOU SPENT LAST YEAR.
- **EXAMPLE 2** ITRM GENERATES INSTALLATION FUNDING.
- PARTICIPATION.
- All ITRM COSTS COMES FROM THE POI

## **ITRM ENABLES THE PPBES**



# PRESIDENT'S BUDGET SUBMISSION & APPROVAL

APPROVE MDEP REQUIREMENTS.

ALLOCATE FUNDING LEVELS BY MDEP.



BUDGET



REALIGN FUNDING LEVELS BY MACOM, MDEP.



HQDA, PPBC



REVIEW & SUBMIT

REQUIREMENTS.

JBMIT DISTRIBUTE FUNDING

NTS. BY INSL<mark>TN, MDEP</mark>, AMS.



**MACOM HQ** 



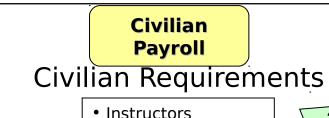
DETERMINE & SUBMIT REQUIREMENTS.

RECEIVE/DISBURSE FUNDING TO MEET MISSION REQUIREMENTS.

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### **COMPONENT COSTS OF ITRM**

#### ITRM IS ZERO-BASED REQUIREMENTS, TEMPERED BY HISTORICAL SPENDING.



- Support Personnel
- Training Developers
- Cadre

#### **Special Items**

### Special Visibility

- Service Contracts
- Automation
- One-Time Procurements
- Student Travel (MTSA)



= BASED ON REQUIREMENTS (SHOULD COST)

= BASED ON SPENDING (DID COST)

#### **Direct Optempo**

### **Equipment Basis**

- Number of Classes
- POI Equipment Usage
- CEAC Price
  - DLR
  - Spares
  - POL

#### **Per Capita** Costs

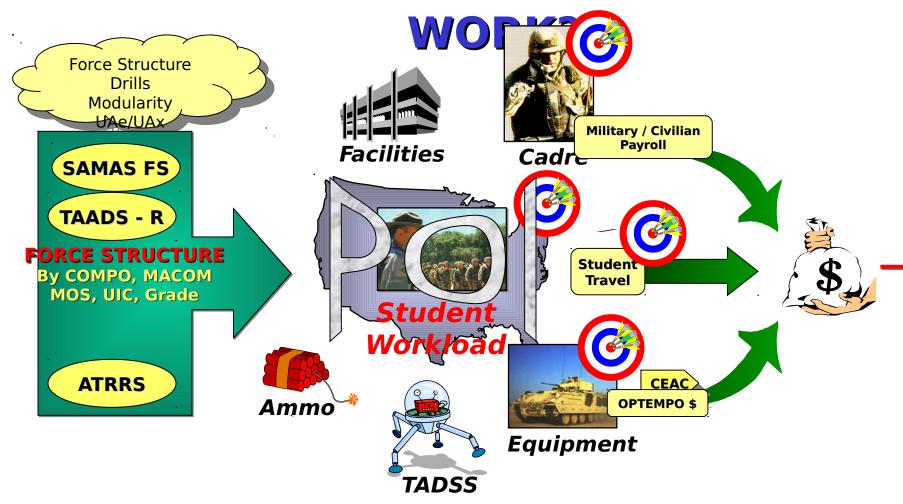
#### Personnel Basis

- Per Capita Rate
- Military and Civilian Manning
- Programmed Student Workload

COST INDIRECT OPTEMPO + DIRECT OPTEMPO

CIVILIAN PAYROLL + PER CAPITA COSTS + SPECIAL **ITEMS** 

### **HOW DOES THE MODEL**



Direct OPTEMPO + Indirect OPTEMPO = TOTAL COST

### **ITRM INCLUDES THE MACOMS**

Schools provide requirements data through ITRM interface models.

- Course Level Training Model (CLTM)
- Identify resources to meet training standard.
- Rate lessons by readiness category.
- Add Special Clothing and non-moving equipmen.
- CLTM pulls all Standard Equipment LINs
  - Structure and manning Allocation System (SAMAS)
  - Force management System Web Site (Old WebTAADS)
- >Schoolhouse indirect costs (WEB PC)
- Correct financial accounting errors.
- Exclude costs to avoid double counting.
- Review the calculation of installation cost factors.
- > Special Items Of Interest
- Identify 'known' fixed commodities.
- Provide emerging training requirements.
- **►** <u>Training and Doctrine Development Management</u> Model(TD2)

MAKES THE PEES PROCESS A COMPREHENSIVE, SYNCHRONIZED PARTNERS HIP AMONG PROBA, PARCOM HQ & SCHOOLHOUSES

Interface models capture the uniqueness of ARMY Schools.

These tools assist schools in doing their business - avoids the data call

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# CLTM -- CALCULATING DIRECT OPTEMPO

## **WHAT IS CLTM?**

POI CLTM ITRM

#### **DIRECT OPTEMPO**

#### CLTM IS THE ITRM INTERFACE MODEL THAT:

- GENERATES THE EQUIPMENT OPTEMPO LISTING THAT IS USED TO DETERMINE THE OPTEMPO FUNDING REQUIREMENT FOR INSTITUTIONAL TRAINING.
- ASSISTS SCHOOLHOUSES TO IDENTIFY EQUIPMENT TO BE LINKED TO A SPECIFIED TRAINING STANDARD
- PROVIDES INFORMATION FOR DECISION MAKING AT ALL LEVELS FROM HQDA TO MACOM TO SCHOOLHOUSE.

P (Programmed): Lesson is hands on/performance oriented w/ formal test

(Go/No Go)

M (Mandatory):

(i.e. DOD)

J (Job Related): perform job

R (Refresher):

Readiness Levels

(C1-C4) linked to the POI training

standard.

Training lesson that is mandated by higher authority

Subject matter is needed at current skill level/rank to

Refresher training that enables future training

A leggar of familiariagtion

ONE DEFINITION FOR OPTEMPO.

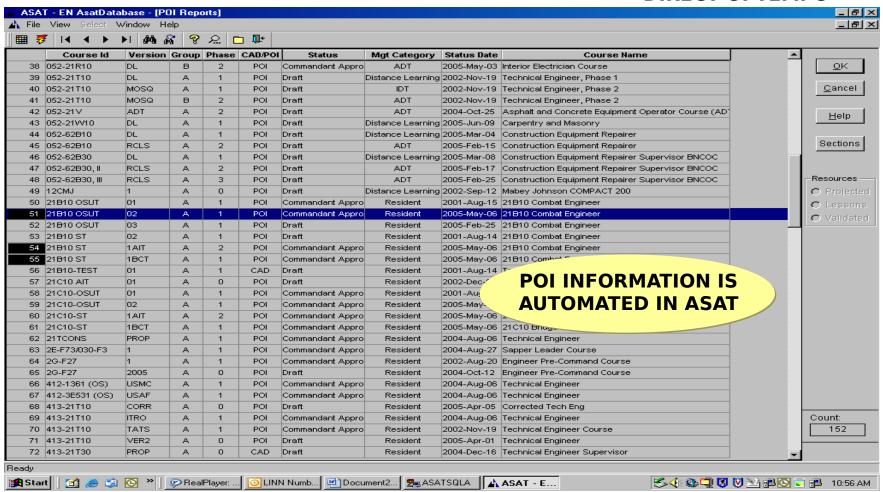
Provides basis for DIRECT OPTEMPO

### **DIRECT OPTEMPO**

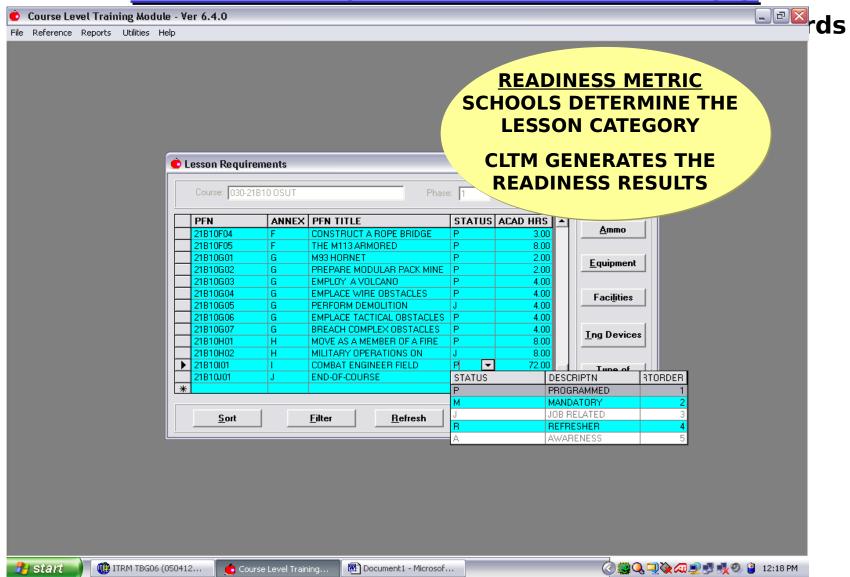




#### **DIRECT OPTEMPO**



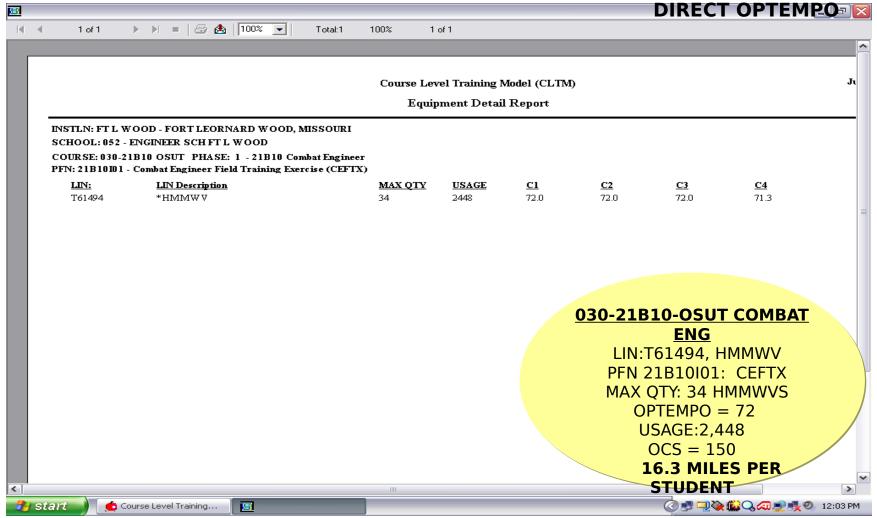
## **APPLYING THE READINESS**



### **DIRECT OPTEMPO**

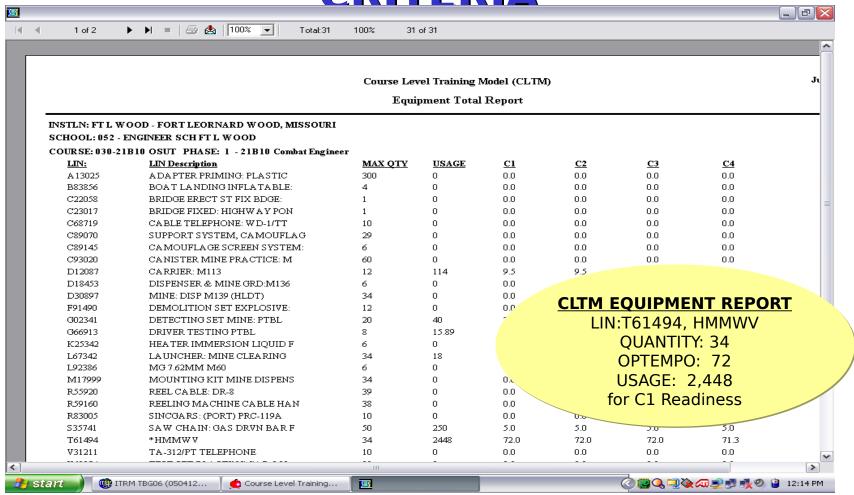


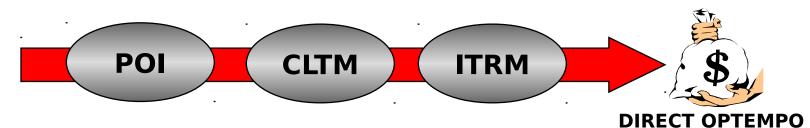




### **APPLYING THE READINESS**

### Links readiness (61-04) to the POI resource standards



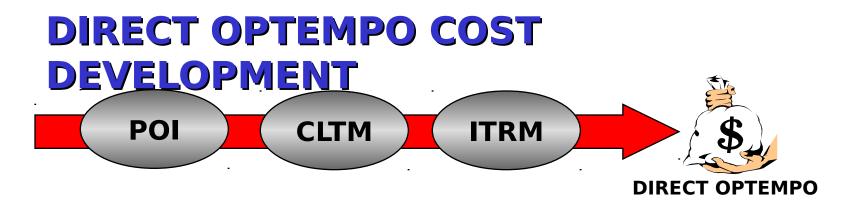


TNG	CRS TYPE	LIN	UNITS/MAX QTY	OPTEMPO (C0)	OPTEMPO (C1)	ОРТЕМРО (С2)	ОРТЕМРО (СЗ)	OPTEMPO (C4)
EOSUT	21B10-OSUT	D12087	12	10.5	10.5	10.5	10.5	10.4
EOSUT	21B10-OSUT	D18453	6	0.0	0.0	0.0	0.0	0.0
EOSUT	21B10-OSUT	D30897	34	0.2	0.2	0.2	0.2	0.2
EOSUT	21B10-OSUT	1 46252	1	50.0	50.0	50.0	50.0	49.2
EOSUT	21B10-OSUT	L67342	34	1.1	1.1	1.1	1.1	1.1
EOSUT	21B10-OSUT	M26413	1	0.0	0.0	0.0	0.0	0.0
EOSUT	21B10-OSUT	N04456	30	0.0	0.0	0.0	0.0	0.0
EOSUT	21B10-OSUT	N04596	30	0.0	0.0	0.0	0.0	0.0
EOSUT	21B10-OSUT	N95862	75	0.0	0.0	0.0	0.0	0.0
EOSUT	21B10-OSUT	R55268	10	0.0	0.0	0.0	0.0	0.0
EOSUT	21B10-OSUT	T60081	6	0.0	0.0	0.0	0.0	0.0
EOSUT	21B10-OSUT	T61494 ~	34	72.9	72.9	72.9	72.9	72.2
EOSUT	21B10-OSUT	T61908	4	22.5	22.5	22.5	22.5	22.3
EOSUT	21B10-OSUT	X40009	~	20.0	20.0	20.0	20.0	19.8
EOSUT	21B10-OSUT	X40794	7	71.7	71.7	71.7	71.7	71.1

#### **ITRM INPUT DATAFILE**

LIN:T61494, HMMWV QUANTITY: 34 OPTEMPO: 72.9

# CLTM PREPARES THE ITRM INPUT FILE FOR DIRECT OPTEMPO COSTING



#### **21B10-OSUT: COMBAT ENGINEER**

### **DIRECT OPTEMPO OF HMMWV (Requirement set by POI)**

 $34 \times 72.9 \times 24.5 \times 1.21 = $73,478$ 

NOTE: 5 HOURS OF ENGINE IDLE TIME = 1 MILE

# OTHER AREAS COVERED BY ITRM

#### STANDARD OCIE MENU

- > 12 % FAIR WEAR AND TEAR
- ➤ 6 % REPORT OF SURVEY
- > \$260 PER STUDENT; \$149 PER CADRE

#### SPECIAL CLOTHING

- SAFETY SHOES (3 Schools)
- ➤ COVERALLS (5 Schools)

#### NBC REPAIR PARTS

- > INLET VALVE, DRINKING TUBE, HEAD HARNESS
- > \$5.50 PER STUDENT

#### NON-MOVING EQUIPMENT

▶ 6 Schools

### **INDIRECT OPTEMPO CATEGORIES**

"Training Developers Are Not Responsible For All ITRM Inputs"

- CIVILIAN PAY
- EQUIPMENT PURCHASES
  - Computers, Compass, Tents, COTS
- NBC SUPPLIES AND EQUIPMENT
  - NBC Repair Parts on previous slide
- ORGANIZATIONAL CLOTHING AND EQUIPMENT
  - Standard OCIE Menu on Previous Slide
- CONTRACTURAL SERVICES
  - All contracts unless Identified as SII (i.e., ADP Support)
- PRINTING AND REPRODUCTION
  - Training Handouts, DOD Printing Services
- RENTS, COMMO, UTILITIES
  - Microsoft License
- SUPPLIES AND MATERIALS
  - M16 Parts, Class IX Parts, Credit Card Purchases
- TRANSPORTATION OF THINGS
  - Cost to send things by Air or Ground
- TRAVEL
  - > TDY Cost

Provides basis for INDIRECT OPTEMPO

### **ITRM RESULTS ARE FOR ALL LEVELS**

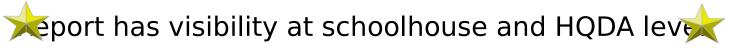
Workload

Structure

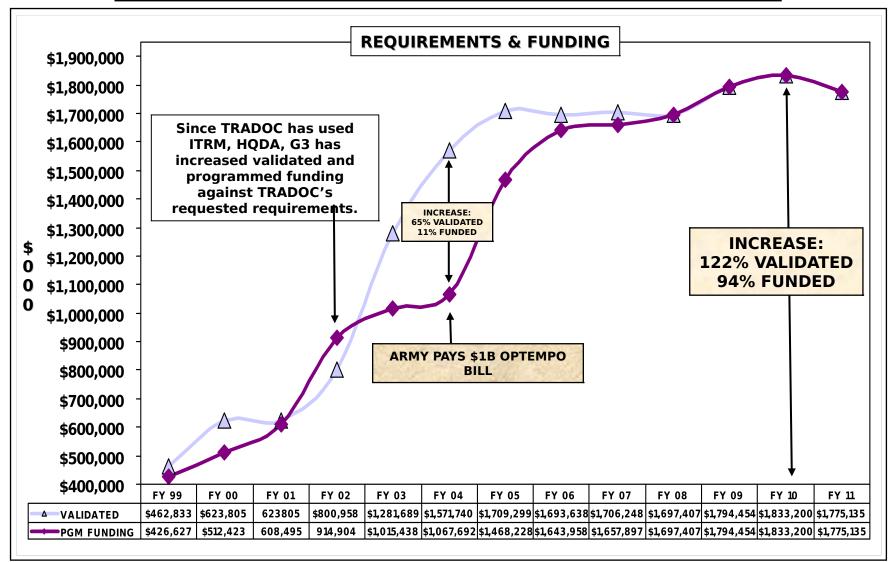
Direct OPTEMPO

Indirect OPTEMPO

Modeled Organization	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
MACOM: TRADOC - US ARMY						F1 2010	F1 2011
MDEP: TATC	INAIMINO	AND DOCT	KINE COM	IAND / CMD	/ <del>-</del>		
AMS 312711000000 -BASIC COMBATT	DAINING (BC)	1					
WORKLOAD:	ITAII WO (DC I	.)					
INPUTS:	78,516	77,014	80.149	80.149	80,149	80.149	80,149
GRADUATES:	72,784	71,377	74,304	74,304	74,304	74,304	74,304
LOADS	13,500.360	13,238.550	13,784.130	13,784.130	13,784.130	13,784.130	
MILITARY MANPOWER	2,634	2,634	2,634	2,634	2,634	2,634	2,634
CIVILIAN MPR - CMORE	59	58	58	58	58	58	58
UNIT MT MIL CIV CONV	31	31	31	31	31	31	31
GROUND OPT EMPO Costs (\$000):							
Consumables	425	421	447	455	466	480	494
POL	43	43	45	45	46	47	49
T CL III & IX OPT ADJ	391	399	407	415	423	436	
GROUND OPTEMPO Total (\$000)	859	863	ITR	ITRM Report Is Embedded		ded in HC	)DA 992
INDIRECT OPTEMPO Costs (\$000):				•			
M CIVILIAN PAY	4,332	4,380	IVIDE	MDEP Briefings and TRADOC Bud			158 921
M UNIT MAINT MIL TO CIV CONV	2,408	2,480		Guidance			
M EQUIPMENT PURCHASES	475	480	498	510	517	533	548
M ORG CLOTHING & EQUIPMENT	2,964	2,982	3,034	3,052	3,070	3,162	3,257
M OTHER CONTRACTUAL SERVICES	461	461	482	491	500	515	
M PRINTING & REPRODUCTION	64	64	70	70	73	75	77
M RENTS, COMMO, UTILITIES	22	21	22	22	22	23	23
M SUPPLIES AND MATERIAL	3,472	3,495	3,662	3,738	3,801	3,915	4,032
M TRAVEL (GENERAL)	384	393	410	410	423	436	449
CTNG OPERATIONS & MANAGEMENT	703	703	703	703	703	724	746
VADPE/COTSTNG SPT SYS	19	19	19	19	20	21	21
V CLASS II & IV OPTEMPO	228	228	228	228	228	235	242
U OMA TAIL TO MCA PROJECTS	0	110	0	0	0	0	0
INDIRECT OPTEMPO Total (\$000)	15,532	15,816	16,224	16,636	16,972	17,481	18,006
Total Cost (\$000):	16,391	16,679	17,123	17,551	17,907	18,444	18,998



### <u>RESULTS SINCE USING ITRM</u>



# HOW CAN WE MAKE ITRM BETTER?

#### POI COMPLETENESS

- Continue to improve POI database.
  - Verification of data.
  - Schoolhouse POI review.

#### COST FACTORS

- Review financial accounting data.
- Improve mileage reports to HQDA on OPTEMPO equipment.

#### SPECIAL ITEMS OF INTEREST

- Continue to identify 'fixed' items.
- Avoid double counting with Per Capita cost factors.
- Review Non-Moving Equipment (CAT B) requirements.
- Review Special Clothing requirements.

TRADOC
Schools control
their
own destinies.

# **QUESTIONS?**

### **The Local ITRM Team**

Fort Monroe, Virginia (DSN 680)

Mr. Don Chung (757) 788-5786 (ITRM PROGRAM MANAC

Ms. Susan Russell (757) 788-4685 (WEB PC)

Mr. Reginald Stanley (757) 788-5178

We are here to help!!

Fort Eustis, Virginia (DSN 826)

Mr. David Doctor (757) 878-7001, ext 6510 (CLTM/ITRM)